BOEING CO Form 4 May 15, 2006

FORM 4

OMB APPROVAL UNITED STATES SECURITIES AND EXCHANGE COMMISSION **OMB** Washington, D.C. 20549

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

Estimated average **SECURITIES** burden hours per response...

Form 4 or Form 5 obligations may continue. See Instruction

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1(b).

1. Name and Address of Reporting Person * **LUTTIG J MICHAEL**

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to Issuer

Number:

Expires:

3235-0287

January 31,

2005

0.5

BOEING CO [BA]

(First) (Middle) (Last)

3. Date of Earliest Transaction

Director 10% Owner

100 N. RIVERSIDE PLAZA, M/C

05/11/2006

(Month/Day/Year)

X_ Officer (give title Other (specify

(Check all applicable)

5003-1001

Sr. VP and General Counsel

(Street)

(State)

(Zip)

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Filed(Month/Day/Year)

Applicable Line) _X_ Form filed by One Reporting Person

Form filed by More than One Reporting

Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

below)

CHICAGO, IL 60606

(City)

1. Title of 2. Transaction Date 2A. Deemed 3. 4. Securities 5. Amount of 6. Ownership 7. Nature of Security (Month/Day/Year) Execution Date, if TransactionAcquired (A) or Securities Form: Direct Indirect (Instr. 3) Code Disposed of (D) Beneficially (D) or Indirect Beneficial (Instr. 3, 4 and 5) (I) Ownership (Month/Day/Year) (Instr. 8) Owned Following (Instr. 4) (Instr. 4)

Reported (A) Transaction(s) (Instr. 3 and 4)

Code V Amount (D) Price

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of 3. Transaction Date 3A. Deemed 4. 5. Number of Derivative Conversion (Month/Day/Year) Execution Date, if TransactionDerivative Security or Exercise Code Securities any

6. Date Exercisable and **Expiration Date** (Month/Day/Year)

7. Title and Amount of 8 **Underlying Securities** (Instr. 3 and 4)

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(Instr. 3)	Price of Derivative Security		(Month/Day/Year)	(Instr.		Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)					
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (Right to Buy)	\$ 88.725	05/11/2006		M		47,050		<u>(1)</u>	05/11/2016	Common	47,050

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

LUTTIG J MICHAEL 100 N. RIVERSIDE PLAZA M/C 5003-1001 CHICAGO, IL 60606

Sr. VP and General Counsel

Signatures

By: /s/ Mark R. Pacioni as Attorney-in-Fact 05/15/2006

**Signature of Reporting Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Options become exercisable 34% on the first anniversary of the grant date and 33% on each of the second and third anniversaries of the grant date.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

Reporting Owners 2